

US EPA ARCHIVE DOCUMENT

Table 1. Comparison of Implemented and Proposed Remedies
RCRA Corrective Measures Proposal for Areas A and B
Bailey Generating Station

	Area A																					Area B	
Unit	SWMU 10			SWMU 20			SWMU 21			AOC 1			AOC 4 & 5			SWMU 16			SWMU 18			SWMU 4 & 5	
Description	Coal Handling Bldg.			Fmr. Waste Oil UST			Unit #10 UST			Empty Drum Storage			Fan Bearings			Frac Tank			Horsehoe Area			Surface Impoundments	
Proposed Remedy	NFA	Cap	Exc	NFA	Cap	Exc	NFA	Cap	Exc	NFA	Cap	Exc	NFA	Cap	Exc	NFA	Cap	Exc	NFA	Cap	Exc	NFA	Clay Liner
Threshold Criteria																							
Protection of Human Health and the Environment	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2
Attain Media Cleanup Standards	1	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	2	3	1	2
Control the Sources of Release	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2
Comply with Standards for Waste Management	3	3	2	3	3	2	3	3	2	3	3	2	3	3	2	3	3	2	3	3	2	3	2
Balancing Criteria																							
Long-Term Effectiveness	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	3
Toxicity, Mobility, and Volume Reduction	1	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	1	3	1	2	3	1	2
Short-Term Effectiveness	1	3	3	1	3	3	1	3	3	1	3	3	1	3	3	1	3	3	1	3	3	1	3
Implementability	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	2	3	1
Cost	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	1	2	3	1
Community Acceptance	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	3
State Acceptance	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	2	1	3
Score	17	22	28	17	22	28	17	22	28	17	22	28	17	22	28	17	22	28	17	23	29	17	24
Implemented/ Recommended Remedy	Excavation			Excavation			Excavation			Excavation			Excavation			Excavation			Excavation			Clay Liner	
Cost (actual or estimated)	\$39,000			\$8,000			\$10,000			\$59,000			\$33,000			\$7,000			\$63,000 to \$107,000			Actual costs unavailable	

Notes: NFA - No Further Action

Cap - Synthetic liner and soil cover (vegetated for SWMU 18)

Exc - Excavation and Off-Site Disposal

Scores:

1 - Does not achieve objective (for cost - most expensive)

2 - Partially meets objective (for cost - medium expensive)

3 - Best able to meet objective (for cost - least expensive, or no cost)

Cost = actual cost at time of implementation for completed remedies

Higher score is better alternative